

FGF18 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP6643a

Specification

FGF18 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession <u>076093</u>

FGF18 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 8817

Other Names

Fibroblast growth factor 18, FGF-18, zFGF5, FGF18

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP6643a was selected from the N-term region of human FGF18. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FGF18 Antibody (N-term) Blocking Peptide - Protein Information

Name FGF18

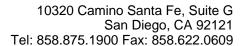
Function

FGF18 Antibody (N-term) Blocking Peptide - Background

FGF18 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine. Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures.

FGF18 Antibody (N-term) Blocking Peptide - References

Wan, W.D., Beijing Da Xue Xue Bao 41 (4), 409-413 (2009) Sonvilla, G., Carcinogenesis 29 (1), 15-24 (2008)





Plays an important role in the regulation of cell proliferation, cell differentiation and cell migration. Required for normal ossification and bone development. Stimulates hepatic and intestinal proliferation.

Cellular Location Secreted.

FGF18 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides